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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

SPI

1275 K Street, N.W., #400
Washington, D.C. 20005
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FOR THE MONTH AND PERIOD ENDED

SEPTEMBER 30, 1990

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

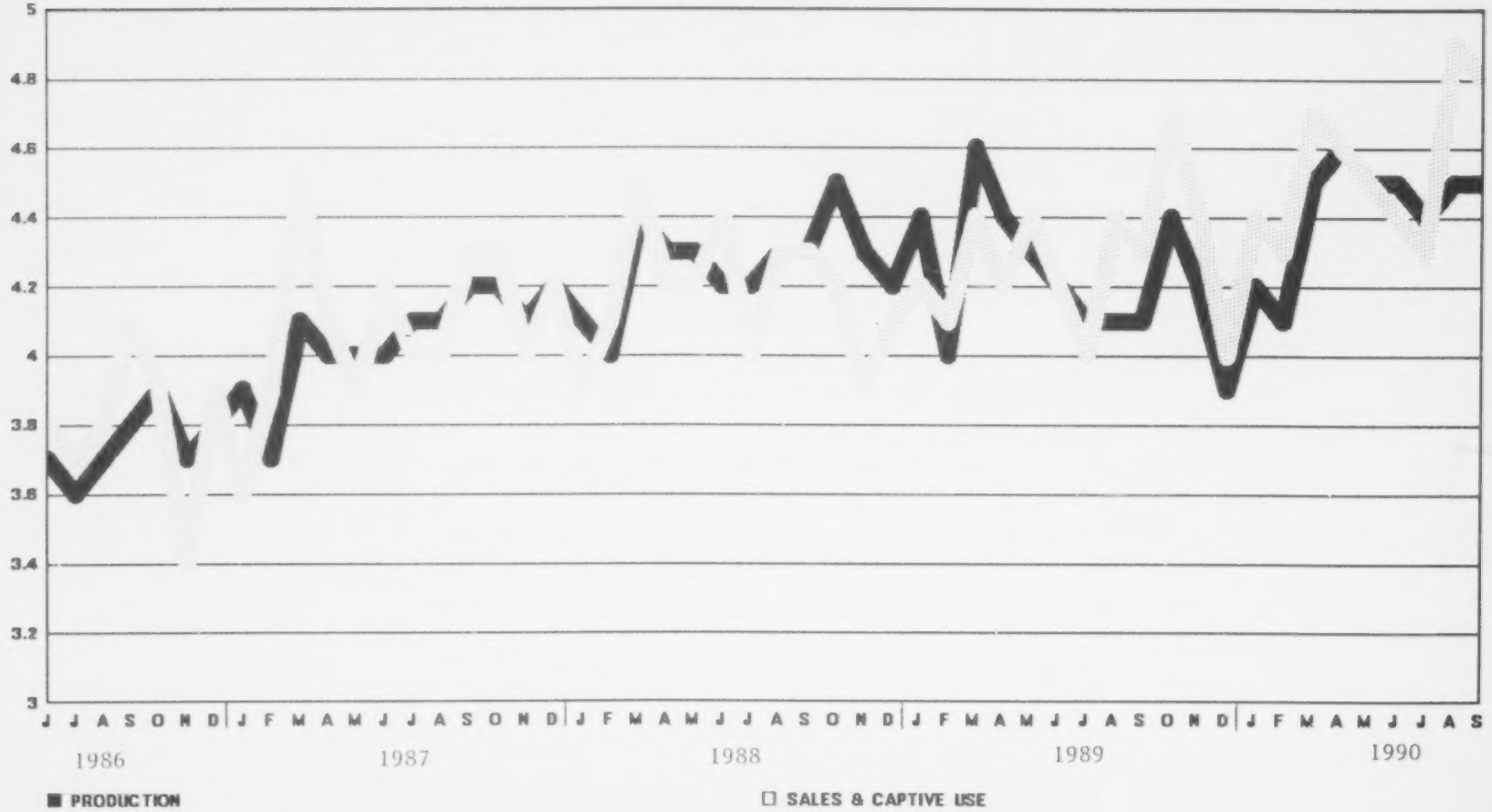
Release Date: November 14, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

SEPTEMBER 1990



THE SOCIETY OF THE PLASTICS INDUSTRY, INC. CRS

MONTHLY STATISTICAL REPORT

(Thousands of pounds, dry weight basis)(1) SEPTEMBER 1990

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	39,511	37,989	4.0	355,852	370,922	-4.1	43,318	35,467	22.1	386,200	394,589	-2.1
POLYESTER (UNSATURATED) RESINS, TOTAL	97,448	101,107	-3.6	960,028 R	1,010,623	-5.0	98,257	104,813	-6.3	970,697 R	1,018,962	-4.7
UREA RESINS, TOTAL	122,658	132,904	-7.7	1,113,146 R	1,082,914	2.8	131,618	134,181	-1.9	1,156,717 R	1,089,038	6.2
MELAMINE RESINS, TOTAL	13,660	19,007	-28.1	132,360 R	163,203	-18.9	17,035	18,953	-10.1	151,184	169,061	-10.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	251,181	228,215	10.1	2,251,095	2,154,754	4.5	256,741	228,935	12.1	2,269,033	2,166,833	4.7
THERMOSETTING RESINS, TOTAL	524,458	519,222	1.0	4,812,481 R	4,782,416	0.6	546,969	522,349	4.7	4,933,831 R	4,836,483	2.0
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	636,751	593,153	7.4	5,344,870	5,081,776	5.2	607,951	526,909	15.4	5,416,883	4,936,462	9.7
LINEAR-LOW DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	451,841	335,524	34.7	3,494,617 R	2,752,310	27.0	338,716	303,829	11.5	2,811,620 R	2,289,336	22.8
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	748,076	718,398	4.1	6,320,224	6,040,444	4.6	678,481	652,759	3.9	6,099,350 R	6,144,809	-0.7
POLYPROPYLENE, TOTAL	736,065	592,796	24.2	6,186,180	5,417,504	14.2	691,306	570,846	21.1	6,165,277	5,427,842	13.6
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	105,798	96,941	9.1	901,276 R	935,788	-3.7	93,039	85,463	8.9	874,496 R	999,618	-12.5
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	11,497	8,076	42.4	102,575	82,751	24.0	11,463	6,742	70.0	99,602	88,786	12.2
POLYSTYRENE RESINS, TOTAL	459,430	412,063	11.5	3,949,513	3,890,446	1.5	453,653	393,089	15.4	3,808,548	3,858,761	-1.3
STYRENE BASED LATEXES, TOTAL ***	87,326	88,141	-0.9	820,193	777,862	5.4	86,346	84,166	2.6	776,807 R	742,822	4.6
OTHER STYRENICS, TOTAL (40% or More Styrene)	11,626	12,718	-8.6	114,974	116,705	-1.5	10,792	10,850	1.3	106,719	106,960	-0.2
NYLON RESINS (6)	52,835	44,441	18.9	435,539 R	437,670	-0.5	47,033	42,137	11.6	430,937 R	432,284	-0.3
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	790,095	740,253	6.7	6,937,772	6,373,000	8.9	775,181	726,170	6.7	6,818,684	6,400,777	6.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)	N/A	N/A		N/A	N/A		N/A	N/A		N/A	N/A	
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	14,353	15,210	-5.6	142,333	149,755	-5.0	18,739	16,472	13.8	164,530 R	166,514	-1.2
THERMOPLASTIC POLYESTER, TOTAL (6)	171,741	136,239	26.1	1,418,271	1,268,701	11.8	160,911	130,983	22.8	1,401,123	1,209,862	15.8
THERMOPLASTIC RESINS, TOTAL	4,277,434	3,793,953	12.7	36,168,337 R	33,324,712	8.5	3,973,611	3,550,015	11.9	34,974,576 R	32,804,833	6.6
GRAND TOTAL	4,801,892	4,313,175	11.3	40,980,818 R	38,107,128	7.5	4,520,580	4,072,364	11.0	39,908,407 R	37,643,316	6.0

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

N/A = Not Available.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data Includes Sales from Imports.

R = Revision.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG	1990	1989	% CHG
EPOXY RESIN, TOTAL	39,511	37,989	4.0	355,852	370,922	-4.1	43,318	35,467	22.1	386,200	394,589	-2.1
Exports, Total	6,252	5,578	12.1	53,991	67,523	-20.0						
Captive Use, Total	1,281	1,696	-24.5	12,356	13,553	-8.8						
Domestic Sales, Total	31,978	30,715	4.1	289,505	289,846	-0.1						
Domestic Sales & Captive Use,Total	33,259	32,411	2.6	301,861	303,399	-0.5						
Bonding & Adhesives	2,644	1,937	36.5	21,405	18,958	12.9						
Flooring, Paving & Exposed Aggregate	2,474	2,202	12.4	20,232	18,657	8.4						
Protective Coatings	16,287	15,637	4.2	149,678	146,222	2.4						
Fiber Reinforced Laminates & Composites	6,184	6,331	-2.3	61,584	64,650	-4.7						
FRL&C for Printed Wiring Board	3,787	4,095	-7.5	40,363	44,622	-9.5						
All Other FRL&C	2,397	2,236	7.2	21,221	20,028	6.0						
Tooling, Casting & Molded Resins	2,533	2,552	-0.7	21,252	23,236	-8.5						
All Other Uses	3,137	3,752	-16.4	27,710	31,676	-12.5						
POLYESTER (UNSATURATED) RESINS, TOTAL (E)	97,448	101,107	-3.6	960,028 R	1,010,623	-5.0	98,257	104,813	-6.3	970,697 R	1,018,962	-4.7
Total Exports	1,724	1,706	1.1	16,296 R	19,407	-16.0						
Total Domestic	95,724	99,401	-3.7	943,732 R	991,216	-4.8						
General Purpose Resins, Total	80,211	86,403	-7.2	810,682 R	855,627	-5.3						
General Purpose - Thixotropic	29,784	37,436	-20.4	310,897 R	380,149	-18.2						
General Purpose - Press Molding	11,523	10,337	11.5	108,818 R	98,449	10.5						
General Purpose - Panel	5,622	N/A		63,437	N/A							
General Purpose - All Other	33,282	38,630	-13.8	327,530 R	377,029	-13.1						
Flame Retardant Resins	2,300	1,977	16.3	18,343 R	17,947	2.2						
Chemical Resistant Resins, Total	13,213	11,021	19.9	114,707 R	117,642	-2.5						
Chemical Resistant Isophthalic Resins	9,158	7,866	16.4	80,730 R	88,815	-9.1						
All Other Chemical Resistant Resins	4,055	3,155	28.5	33,977 R	28,827	17.9						
Reinforced Plastic, Total	70,123	73,057	-4.0	696,319 R	742,143	-6.2						
Non-Reinforced Plastics, Total	25,601	26,344	-2.8	247,413 R	249,073	-0.7						

(E) = Estimate – Data includes estimates for one company.

N/A = Not Available

R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)(1)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
UREA RESINS, TOTAL	122,658	132,904	-7.7	1,113,146 R	1,082,914	2.8	131,618	134,181	-1.9	1,156,717 R	1,089,038	6.2
MELAMINE RESINS, TOTAL	13,660	19,007	-28.1	132,360 R	163,203	-18.9	17,035	18,953	-10.1	151,184	169,061	-10.6
UREA & MELAMINE RESINS, TOTAL	136,318	151,911	-10.3	1,245,506 R	1,246,117	0.0	148,653	153,134	-2.9	1,307,901 R	1,258,099	4.0
Total Exports	D1	D1		D1	D1							
Total Domestic	136,318	151,911	-10.3	1,245,506 R	1,246,117	0.0						
Textile Coating & Treating Resins	1,905	2,127	-10.4	18,887 R	18,997	-0.6	4,286	3,527	21.5	34,544 R	23,718	45.6
Paper Coating & Treating Resins	5,495	7,020	-21.7	44,453 R	47,003	-5.4	5,649	6,565	-14.0	45,866	48,496	-5.4
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	107,518	119,804	-10.3	975,868 R	1,001,415	-2.6	112,509	119,308	-5.7	1,014,880	995,683	1.9
Laminating	1,218	5,580	-78.2	14,864 R	58,969	-74.8	1,282	4,860	-73.6	15,479	50,382	-69.3
Plywood	5,598	5,860	-4.5	45,131 R	51,703	-12.7	5,720	6,320	-9.5	45,617	53,325	-14.5
Fibrous & Granulated Wood (Particle Board)	100,702	108,364	-7.1	915,873 R	890,743	2.8	105,507	108,128	-2.4	953,784	891,976	6.9
Protective Coatings (Straight & Modified)	8,100	8,739	-7.3	78,609 R	82,806	-5.1	11,459	10,865	5.5	101,859	103,845	-1.9
All Other Uses	13,300	14,221	-6.5	127,689 R	95,896	33.2	14,750	12,869	14.6	110,752	86,357	28.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	251,181	228,215	10.1	2,251,095	2,154,754	4.5	256,741	228,935	12.1	2,269,033	2,166,833	4.7
Total Exports	2,066	1,352	52.8	18,408	13,447	36.9						
Total Domestic	249,115	226,863	9.8	2,232,687	2,141,307	4.3						
Molding Compounds	13,973	14,679	-4.8	128,247	135,316	-5.2	14,380	16,224	-11.4	141,199	144,865	-2.5
Bonding & Adhesive Resins for:	230,453	208,452	10.6	2,074,181	1,974,747	5.0	233,028	209,298	11.3	2,092,674	1,988,351	5.2
Laminating	14,669	16,149	-9.2	130,952	164,597	-20.4	14,785	16,416	-9.9	131,417	168,525	-22.0
Coated & Bonded Abrasives	1,932	1,560	23.8	20,265	19,396	4.5	1,678	1,563	7.4	19,788	20,949	-5.5
Friction Materials	4,130	2,323	77.8	35,698	29,178	22.3	4,103	2,194	87.0	30,610	29,554	23.9
Insulation Materials	34,991	31,783	10.1	308,920	317,058	-2.6	34,360	31,752	8.2	318,635	321,485	-0.9
Foundry & Shell Molding	7,358	7,021	4.8	59,946	38,004	57.7	7,332	6,977	5.1	59,893	38,565	55.3
Plywood	D3	119,706		D3	1,105,665		D3	120,353		D3	1,106,033	
Fibrous and Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	D3	927		D3	11,032		D3	1,256		D3	11,502	
All Other	167,373	28,983	N/C	1,518,400	289,817	N/C	170,770	28,787	N/C	1,526,331	291,738	N/C
Protective Coatings - Unmodified & Modified	D2	1,061		D2	9,943		D2	1,073		D2	9,642	
Resins Sold to Rubber Ind. - Non Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	4,689	2,671	N/C	30,259	21,301	N/C	9,333	2,340	N/C	35,160	23,975	N/C

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Phenolic is on a Gross Weight Basis.
N/C = Not Comparable.
R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LOW DENSITY POLYETHYLENE - 0.940 & BELOW, TOTAL (6)	636,751	593,153	7.4	5,344,870	5,081,776	5.2	627,628	537,590	16.7	5,559,126	5,016,122	10.8
Imports, Total							19,677	10,681	84.2	142,243	79,660	78.6
Exports, Total	77,844	81,510	-4.5	625,798	671,008	-6.7						
Domestic, Total	558,907	511,643	9.2	4,719,072	4,410,768	7.0	607,951	526,909	15.4	5,416,883	4,936,462	9.7
Film (12 Mils & Below)	341,185	301,358	13.2	2,787,598	2,515,709	10.8						
Packaging Film	234,981	206,498	13.8	1,901,796	1,709,896	11.2						
Food Packaging Film	106,389	98,545	8.0	882,749 R	817,460	8.0						
Non-Food Packaging Film	104,085	87,479	19.0	804,883 R	716,971	12.3						
Shrink Film	14,522	D10		119,434	D10							
Stretch Film	9,985	20,474	N/C	94,730	175,465	N/C						
Non-Packaging Film	106,204	94,860	12.0	885,802	805,813	9.9						
Carry-Out Bags	16,824	7,413	127.0	105,540	85,221	23.8						
Trash and Can Liners	34,937	35,013	-0.2	279,727	284,167	-1.6						
Other Non-Packaging Film	54,443	52,434	3.8	500,535	436,425	14.7						
Sheet (Over 12 Mils)	6,151	4,228	45.5	54,886	63,391	-13.4						
Injection Molding	33,924	35,733	-5.1	282,935	301,604	-6.2						
Injection Molded Lids	7,554	4,222	78.9	60,962	38,790	57.2						
Injection Molded Housewares	4,352	3,684	18.1	36,829	38,852	-5.2						
Other Injection Molding	22,018	27,827	-20.9	185,144	223,962	-17.3						
Wire and Cable	15,942	D5		195,008	D5							
Extrusion Coating	66,566	D5		572,460	D5							
Blow Molding	4,802	4,410	8.9	46,178	47,369	-2.5						
Pipe and Conduit, Total	D5	D5		D5	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	8,656	88,424	N/C	69,321	792,503	N/C						
Rotomolding	D2	D2		D2	D2							
Resellers & Compounders, Total	50,919	41,648	22.3	432,525	404,389	7.0						
Resellers	36,001	31,696	13.6	302,923	311,704	-2.8						
Compounders	14,918	9,952	49.9	129,602	92,685	39.8						
Adhesives and Sealants	9,626	D2		81,443	D2							
All Other Uses	21,136	35,842	N/C	196,718	285,803	N/C						

D2 = Disclosure: included in All Other Uses
D5 = Disclosure: Included in Other Extruded Products
R = Revision
D10 = Disclosure: Included in Stretch Film.
(6) = Sales Include Imports.
D = Disclosure
N/C = Not Comparable

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MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	451,841	335,524	34.7	3,494,617 R	2,752,310	27.0	423,857	361,615	17.2	3,462,620 R	2,773,912	24.8
Imports, Total							85,141	57,786	47.3	651,000 R	484,576	34.3
Exports, Total	21,600	15,807	36.6	172,675 R	115,729	49.2						
Domestic, Total	430,241	319,717	34.6	3,321,942 R	2,636,581	26.0	338,716	303,829	11.5	2,811,620 R	2,289,336	22.8
Film (12 Mils & Below)	285,762	205,089	39.3	2,178,166 R	1,680,658	29.6						
Packaging Film	120,116	93,641	28.3	942,638 R	774,538	21.7						
Food Packaging Film	21,010	16,324	28.7	165,235 R	139,327	18.6						
Non-Food Packaging Film	70,071	53,409	31.2	527,349 R	437,259	20.6						
Shrink Film	D10	D10		D10	D10							
Stretch Film	29,035	23,908	21.4	250,054	197,952	26.3						
Non-Packaging Film	165,646	111,448	48.6	1,235,528 R	906,120	36.4						
Carry-Out Bags	21,373	16,915	26.4	183,943	141,561	29.9						
Trash and Can Liners	108,265	78,761	37.5	810,558 R	616,377	31.5						
Other Non-Packaging Film	36,008	15,772	128.3	241,027 R	148,182	62.7						
Sheet (Over 12 Mils)	2,524	2,767	-8.8	14,154	23,309	-39.3						
Injection Molding	56,821	42,174	34.7	409,940 R	322,947	26.9						
Injection Molded Lids	15,658	18,447	-15.1	138,813 R	153,104	-9.3						
Injection Molded Housewares	26,138	16,709	56.4	176,493	116,430	51.6						
Other Injection Molding	15,025	7,018	114.1	94,634 R	53,413	77.2						
Wire and Cable	10,192	D5		106,993	D5							
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	1,525	1,390	9.7	21,036	13,513	55.7						
Pipe and Conduit, Total	3,931	D5		44,131	D5							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe and Conduit	D	D		D	D							
Other Extruded Products	2,439	15,629	N/C	24,046 R	176,744	N/C						
Rotomolding	28,161	D2		244,287 R	D2							
Resellers & Compounders, Total	22,373	14,662	52.6	181,585 R	140,659	29.1						
Resellers	11,344	10,695	6.1	88,284	99,639	-11.4						
Compounders	11,029	3,967	178.0	93,301 R	41,020	127.5						
Adhesives and Sealants	D2	D2		D2	D2							
All Other Uses	16,513	38,006	N/C	97,604 R	278,751	N/C						

D2 = Disclosure: Included in All Other Uses.
D5 = Disclosure: Included in Other Extruded Products.
D10 = Disclosure: Shrink Film is Included in Stretch Film.

(6) = Sales include Imports.

D = Disclosure
N/C = Not Comparable
R = Revision

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(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
HIGH DENSITY POLYETHYLENE – ABOVE 0.940 TOTAL	748,076	718,398	4.1	6,320,224	6,040,444	4.6	678,481	652,759	3.9	6,099,350 R	6,144,809	-0.7
Exports, Total	51,286	113,794	-54.9	501,685	679,923	-26.2						
Domestic, Total	696,790	604,604	15.2	5,818,539	5,360,521	8.5						
Film (12 Mils & Below)	84,399	69,926	20.7	670,164 R	583,230	14.9						
Packaging Film	23,786	16,653	42.8	183,855 R	146,593	25.4						
Food Packaging Film	18,182	12,166	49.4	128,577 R	101,923	26.2						
Non-Food Packaging Film	5,604	4,487	24.9	55,278 R	44,670	23.7						
Non-Packaging Film	60,613	53,273	13.8	486,309 R	436,637	11.4						
Retail Bags	45,139	26,704 F	N/C	359,210 R	218,745 F	N/C						
Grocery Sacks & T-Shirt Bags	13,012	N/A		174,540 R	N/A							
All Other Retail Bags	11,499	N/A		56,692 R	N/A							
Trash Bags/Can Liners	20,628	D9		127,978	D9							
All Other Non-Packaging Film	15,474	26,569	N/C	127,099 R	217,892	N/C						
Sheet (Over 12 Mils)	30,227	27,329	10.6	291,148	235,421	23.7						
Injection Molding, Total	141,821	117,515	20.7	1,183,992	1,065,445	11.1						
Pails (5 gallons or less)	35,049	37,051	-5.4	329,702	322,406	2.3						
Housewares	12,563	8,858	41.8	82,615	82,666	-0.1						
Food Tubs/Containers & Drink Cups	29,009	19,810	46.4	236,352	185,348	27.5						
Crates and Totes	20,897	15,319	36.4	155,860	126,313	23.4						
Toys/Novelties/Sporting Goods	4,499	N/A		44,871	N/A							
Caps and Closures	9,344	N/A		81,599	N/A							
All Other Injection Molding	30,460	36,477	N/C	252,993	348,712	N/C						
Wire and Cable	12,145	11,788	3.0	128,862	118,014	9.2						
Blow Molding, Total	260,901	235,899	10.6	2,157,735 R	2,161,988	-0.2						
Motor Oil Bottles	21,542	16,240	32.6	169,416	146,032	16.0						
Liquid Food Bottles	76,800	72,558	5.8	711,172	672,481	5.8						
Household Chemical Bottles	91,050	74,951	21.5	683,484	664,214	2.9						
Industrial Drums	13,435	20,642 G	N/C	101,047	194,461 G	N/C						
Gas Tanks, All Uses	3,668	N/A		26,517	N/A							
Pharm., Cosmetics, & Toiletries	20,008	N/A		168,961 R	N/A							
All Other Blow Molding	34,398	51,508	N/C	297,138	484,800	N/C						
Pipe and Conduit, Total	50,834	41,600	22.2	419,479 R	367,610	14.1						
Corrugated	11,000	8,143	35.1	78,621	68,902	14.1						
Non-Corrugated	39,834	33,457	19.1	340,858 R	298,708	14.1						
Gas Distribution	10,561	N/A		108,447 R	N/A							
Water	D11	N/A		D11	N/A							
Industrial/Sewer	D11	N/A		D11	N/A							
All Other Non-Corrugated Pipe	29,273	N/A		232,411 R	N/A							
Other Extruded Products	6,586	3,435	91.7	65,809 R	50,610	30.0						
Rotomolding	6,320	5,625	12.4	54,417	52,009	4.6						
Reseller & Compounders, Total	76,253	68,230	11.8	622,405	523,947	18.8						
Resellers	70,243	61,163	14.8	581,191	476,024	22.1						
Compounders	6,010	7,067	-15.0	41,214	47,923	-14.0						
All Other HDPE	27,304	23,257	17.4	224,528 R	202,247	11.0						

D9 = Disclosure: Included in Other Non-Packaging Film.
D11 = Disclosure: Included in All Other Non-Corrugated Pipe.
N/C = Not Comparable.
N/A = Not Available
R = Revision
F = Reported as Carry Out Bags in 1989.
G = Reported as Large Containers in 1989.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYPROPYLENE, TOTAL	736,065	592,796	24.2	6,186,180	5,417,504	14.2	691,306	570,646	21.1	6,165,277	5,427,842	13.6
Exports, Total	146,794	66,995	119.1	1,151,138 R	814,689	41.3						
Domestic, Total	589,271	525,801	12.1	5,035,042 R	4,602,815	9.4						
Injection Molding, Total	165,222	149,884	10.2	1,474,097	1,355,808	8.7						
Appliances	13,194	15,101	-12.6	134,829	122,818	9.8						
Consumer Products	57,852	46,973	23.2	488,765	421,577	15.9						
Rigid Packaging	52,547	47,753	10.0	493,430	461,353	7.0						
Transportation	27,344	23,128	18.2	224,134	207,860	7.8						
All Other Injection Molding	14,285	16,929	-15.6	132,939	142,200	-6.5						
Blow Molding	11,471	11,252	1.9	112,149	94,304	18.9						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below), Total	48,488	47,845	1.3	445,658	449,185	-0.8						
Oriented Film	39,708	37,727	5.3	361,376	347,256	4.1						
Non-Oriented Film	8,780	10,118	-13.2	84,282	101,929	-17.3						
Sheet (Over 10 Mils), Total	12,005	10,179	17.9	101,553	94,994	6.9						
Packaging	D	N/A		D	N/A							
Non-Packaging	D	N/A		D	N/A							
Extrusion Coating	1,228	D5		15,723	D5							
Wire and Cable	D5	D5		D5	D5							
Fiber and Filaments, Total	185,146	172,467	7.4	1,593,717	1,496,433	6.5						
Textile Applications	175,144	162,616	7.7	1,502,516	1,420,016	5.8						
Nonwovens	52,464	46,681	12.4	448,801	377,913	18.8						
Monofilament & Multifilament Fibers	57,624	49,718	15.9	526,571	618,433	-14.9						
Slit Film Fibers	65,056	66,217	-1.8	527,144	423,670	24.4						
Non-Textile Monofilaments	10,002	9,851	1.5	91,201	76,417	19.3						
Pipe and Conduit	D5	D5		D5	D5							
Other Extruded Products	11,842	7,893	N/C	94,750	72,822	N/C						
Resellers/Distributors/Compounders, Total	139,677	120,366	16.0	1,133,411	986,161	14.9						
Resellers	45,815	74,508 C	N/C	413,409	666,609 C	N/C						
Distributors	44,173	N/A		306,232	N/A							
Compounders	49,689	45,858	8.4	413,770	319,552	29.5						
All Other Uses	14,192	5,915	139.9	63,984 R	53,108	20.5						

D5 = Disclosure: Included in Other Extruded Products.
D = Disclosure
C = Reported as Resellers and Distributors in 1989.

N/C = Not Comparable
N/A = Not Available
R = Revision

Compiled By Ernst & Young, Washington DC, for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYSTYRENE RESINS, TOTAL	459,430	412,063	11.5	3,949,513	3,890,446	1.5	453,653	393,089	15.4	3,808,548	3,858,761	-1.3
Crystal (Solid) Polystyrene	237,303	220,199 A	N/C	2,110,583	2,089,131 A	N/C	182,685	223,329 A	N/C	1,502,018	2,106,957 A	N/C
Rubber Modified Polystyrene	222,127	191,864	15.8	1,838,930	1,801,315	2.1	203,462	169,760	19.9	1,762,245	1,751,804	0.6
Expandable Polystyrene	D13			D13			67,506			544,285		
Exports, Total	18,444	20,501	-10.0	140,555	163,094	-13.8						
Crystal (Solid) Polystyrene	10,647	10,396 A	N/C	80,875	88,926 A	N/C						
Rubber Modified Polystyrene	7,797	10,105	-22.8	59,680	74,168	-19.5						
Expandable Polystyrene	D13			D13								
Domestic, Total	440,986	391,562	12.6	3,808,958	3,727,352	2.2						
Molding	163,380	167,008	-2.2	1,337,530	1,526,750	-12.4						
Extrusion	209,679	162,146	29.3	1,849,214	1,573,719	17.5						
Expandable Polystyrene	54,610	50,243	8.7	513,164	510,211	0.6						
Block	21,733	22,248	-2.3	199,131	196,807	1.2						
Shape	12,717	12,147	4.7	114,211	110,066	3.8						
Loose Fill	D6	D6		D6	D6							
Other EPS	20,160	15,848	27.2	199,822	203,338	-1.7						
All Other Uses	13,317	12,165	9.5	109,050	116,672	-6.5						
Polystyrene End-Uses, Total	440,986	391,562	12.6	3,808,958	3,727,352	2.2						
Packaging & One Time Use	169,558	146,482 B	15.8	1,484,605	1,444,570 B	2.8						
Consumer & Institutional Products	48,178	50,611	-4.8	405,499	537,677	-24.6						
Electrical/Electronics	62,833	54,156	16.0	520,604	473,080	10.0						
Furniture,Furnishings,Bldg. & Construction	31,077	21,330	45.7	248,486	229,955	8.1						
Expandable Polystyrene	54,610	50,243	8.7	513,164	510,211	0.6						
Resellers and Compounders	60,851	46,650	30.4	477,774	397,216	20.3						
All Other End-Uses	13,879	22,090	-37.2	158,826	134,643	18.0						

D6 = Disclosure: Included in Other EPS
D13 = Included in Crystal(Solid) Polystyrene
A = Reported as Straight Polystyrene in 1989.
B = Consists of Packaging & Disposable Food Serviceware lines reported in 1989.

N/C = Not Comparable
D = Disclosure

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RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	105,798	96,941	9.1	901,276 R	935,788	-3.7	93,039	85,463	8.9	874,496 R	999,618	-12.5
SAN (STYRENE-ACRYLONITRILE), TOTAL	11,497	8,076	42.4	102,575	82,751	24.0	11,463	6,742	70.0	99,602	88,786	12.2
Total Exports	3,266	3,334	-2.0	37,337	27,297	36.8						
Total Domestic	8,231	4,742	73.6	65,238	55,454	17.6						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	11,626	12,718	-8.6	114,974	116,705	-1.5	10,792	10,650	1.3	106,719	106,960	-0.2
ABS, SAN, & OTHER STYRENICS, TOTAL	128,921	117,735	9.5	1,118,825 R	1,135,244	-1.4	115,294	102,855	12.1	1,080,817 R	1,195,364	-9.6
Total Exports	19,840	N.R. 1		173,818	N.R. 1							
Total Domestic	109,081	117,735	-7.4	945,007 R	1,135,244	-16.8						
Electrical/Electronics	D2	N.R. 2		D2	N.R. 2							
Building & Construction	13,965	9,543	46.3	104,157 R	112,529	-7.4						
Transportation	30,353	32,649	-7.0	287,847 R	294,063	-2.1						
Consumer & Institutional	14,970	N.R. 2		135,874	N.R. 2							
All Other Uses	49,793	75,543	N/C	417,129 R	728,652	N/C						
STYRENE BASED LATEXES, TOTAL*	87,326	88,141	-0.9	820,193	777,862	5.4	86,346	84,166	2.6	776,807 R	742,822	4.6
Carpet Backing	31,975	30,017	6.5	302,496 R	285,343	6.0						
All Other Uses	55,351	58,124 J	-4.8	517,697 R	492,519 J	5.1						
NYLON RESINS, TOTAL(6)	52,835	44,441	18.9	435,539 R	437,670	-0.5	N/A	N/A		N/A	N/A	
Imports, Total							N/A	N/A		N/A	N/A	
Exports, Total	8,559	5,750	48.9	57,941 R	57,995	-0.1						
Domestic, Total	44,276	38,691	14.4	377,598 R	379,675	-0.5	47,033	42,137	11.6	430,937 R	432,284	-0.3
Injection Molding Grade	26,964	24,420	10.4	222,856	227,564	-2.1						
Extrusion Grade	12,806	10,941	17.0	119,278	111,718	6.8						
Resellers & Compounders	3,720	2,543	46.3	27,584	28,965	-4.8						
All Other Uses	786	787	-0.1	7,880 R	11,428	-31.0						
Nylon End-Uses, Total	44,276	38,691	14.4	377,598 R	379,675	-0.5						
Automotive and Truck	15,154	N/A		127,800	N/A							
Electrical and Electronic	5,542	N/A		45,847	N/A							
Appliances	1,382	N/A		10,904	N/A							
Film and Coating	6,638	N/A		58,608	N/A							
Wire and Cable	2,921	N/A		25,920	N/A							
Monofilament	1,609	N/A		16,349	N/A							
Consumer	2,075	N/A		16,228	N/A							
Industrial/Machinery	3,639	N/A		33,497	N/A							
All Other End-Uses	5,316	N/A		42,445 R	N/A							

N.R.1 – Not Reported; Included in Total Domestic and All Other Uses.
N.R.2 – Not Reported; Included in All Other Uses.
* – Styrene Based Latexes Sales include some Canadian produced material.
J = Consists of All Other Uses, Paper Treating, and Textile Treating Lines reported in 1989.
N/C – Not Comparable.

R = Revision
N/A = Not Available
(6) – Includes sales from imports.
D2 = Disclosure: Included in All Other Uses.

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(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (DRY RESIN CONTENT) (E)	790,095	740,253	6.7	6,937,772	6,373,000	8.9	775,181	726,170	6.7	6,818,684	6,400,777	6.5
Homopolymer Resins, Including Blending & Latex	725,703	672,630	7.9	6,412,760	5,829,369	10.0	707,455	666,858	6.1	6,277,595	5,863,812	7.1
Copolymer Resins, Including Blending & Latex	19,678	20,272	-2.9	150,659	165,395	-8.9	23,665	14,183	66.9	154,748	156,937	-1.4
Dispersion Resins	44,714	47,351	-5.6	374,353	378,236	-1.0	44,061	45,129	-2.4	386,341	380,028	1.7
Exports, Total	70,570	89,182	-20.9	677,969 R	585,272	15.8						
Domestic, Total	719,525	651,071	10.5	6,259,803 R	5,787,728	8.2						
Calendering, Total	96,036	85,874	11.8	771,645 R	691,568	11.6						
Flooring	19,769	20,613	-4.1	164,310 R	161,813	1.5						
Textile	8,737	11,477	-23.9	80,213 R	93,533	-14.2						
All Other Calendering Uses	67,530	53,784	25.6	527,122 R	436,222	20.8						
Coating, Total	28,391	30,163	-5.9	254,626 R	273,546	-6.9						
Flooring	13,047	13,116	-0.5	110,288 R	114,698	-3.8						
Textile and Paper Coating	8,606	8,106	6.2	73,167 R	79,965	-8.5						
Protective Coatings	3,730	4,205	-11.3	37,105 R	38,749	-4.2						
Adhesives & All Other Coating Uses	3,008	4,736	-36.5	34,066 R	40,134	-15.1						
Extrusion, Total	487,072	434,412	12.1	4,282,557 R	3,897,393	9.9						
Wire and Cable	33,496	33,726	-0.7	286,358	293,218	-2.3						
Film and Sheet, Packaging	23,128	28,543	-19.0	227,889 R	244,479	-6.8						
Film and Sheet, Non-Packaging	4,572	4,461	2.5	33,293	40,142	-17.1						
Siding, Siding Acc. & Moble Home Skirting	74,409	68,007	9.4	646,015 R	584,240	10.6						
Rigid Pipe and Tubing (except fittings)	302,799	249,505	21.4	2,640,013 R	2,319,600	13.8						
All Other Extrusion Uses	48,668	50,170	-3.0	448,989 R	415,714	8.0						
Molding, Total	38,491	42,543	-9.5	384,762 R	394,248	-2.4						
Bottles	16,394	17,743	-7.6	167,976	162,568	3.3						
Fittings (Rigid Pipe and Tubing)	13,611	12,636	7.7	125,842 R	115,900	8.6						
All Other Molding Uses	8,486	12,164	-30.2	90,944 R	115,780	-21.5						
Paste Processes (except coating), Total	16,190	14,171	14.2	140,246 R	133,387	5.1						
Plastisol Formulation	9,570	8,208	16.6	76,939 R	71,978	6.9						
All Other Paste Process Uses	6,620	5,963	11.0	63,307 R	61,409	3.1						
Resellers & Compounders	38,332	24,683	55.3	282,747 R	239,000	18.3						
All Other Uses	15,013	19,225	-21.9	143,220 R	158,586	-9.7						

E = Estimate – Data includes estimates for one company

R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY
MONTHLY STATISTICAL REPORT
(Thousands of Pounds, Dry Weight Basis)

RESIN	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1990	1989	% CHG	1990	1989	%CHG	1990	1989	% CHG	1990	1989	% CHG
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
Exports, Total												
Domestic, Total												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)												
Exports, Total												
Domestic, Total												
OTHER VINYL RESINS, TOTAL (4)	14,353	15,210	-5.6	142,333	149,755	-5.0	18,739	16,472	13.8	164,530 R	166,514	-1.2
Exports, Total	4,758	6,208	-23.4	50,307	53,186	-5.4						
Domestic, Total	9,595	9,002	6.6	92,026	96,569	-4.7						
THERMOPLASTIC POLYESTER, TOTAL (6)	171,741	136,239	26.1	1,418,271	1,268,701	11.8	160,911	130,983	22.8	1,401,123	1,209,862	15.8
Exports, Total	32,970	21,964	50.1	276,033	221,802	24.5						
PET Bottle Grade Resin, Exports	D	D		D	D							
All Other Exports	D	D		D	D							
Domestic, Total	138,771	114,275	21.4	1,142,238	1,046,899	9.1						
Domestic PET	N.R.	N.R.		N.R.	N.R.							
Solid State Phase Resin	D12	D12		D12	D12							
PET Bottle Grades	102,700	74,885	37.1	800,079	701,910	14.0						
PET/PBT Resellers & Compounders	N.R.4	N/A		N.R.4	N/A							
All Other Thermoplastic Polyester	36,071	39,390	-8.4	342,159	344,989	-0.8						

(2) – The publishing of PVAC data has been suspended.

(3) – The publishing of PVOH data has been suspended.

(4) – Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

D12 = Disclosure: Included in All Other Thermoplastic Polyester.

N.R.4 = Not Reported: Included in All Other Thermoplastic Polyester.

N.R. = Not Reported

D = Disclosure

(6) – Includes sales from imports.

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

SEPTEMBER 1990

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED RESINS)	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
LINEAR LOW DENSITY POLYETHYLENE 0.940 & BELOW	LLDPE
HIGH DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (abs) RESINS	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENCE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENICS - over 40% styrene	OSBP
NYLON RESINS	NYLON
POLYVINYL CHORIDE & COPOLYERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAC
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Imports	I
Domestic Sales & Captive Use	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

MONTHLY STATISTICAL REPORT

SEPTEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OTHNEYRL	TPY
ADVANCE COATING COMPANY		PD																		
A & E PLASTICS												PDE								
AIR PRODUCTS & CHEMICALS																	DE	PDE		
ALLIED CHEMICAL COMPANY															PDE					PDE
ALLIED-BENDIX CORPORATION					PD															
ALPHA CHEMICAL CORPORATION		PD																		
AMERICAN CYANAMID COMPANY				PDE																
AMERICAN POLYMERS, INC.												PD								
AMETEK, HAVEG DIVISION					PD															
AMOCO CHEMICAL CORPORATION									PDE			PDE								
ANDERSON DEVELOPMENT COMPANY														PD						
ARCO CHEMICAL CORPORATION												PDE		PDE						
ARISTECH CHEMICAL COMPANY		PDE							PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD															
ATOCHEM															PDE					
BASF CORPORATION										PDE	PD	PDE	PD	PD	PDEI					PDE
BELDING CHEMICAL INDUSTRIES															PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD											PDE				

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

SEPTEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OVTHNEYRL	TPY
CELANESE CHEMICAL COMPANY																	D			
CERTAINTEED PRODUCTS CORPORATION																PD				
CHEVRON CHEMICAL CORPORATION						PDE		PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																			
COOK COMPOSITES & POLYMERS		PD																		
CUSTOM RESINS, INC.															PD					
DART CONTAINER												PD								
DOW CHEMICAL USA	PDE	PDE				PDEI	PDEI	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
DUPONT CANADA							DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDE									PDEI			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE			PDE											PDE
EMSER INDUSTRIES															PDEI					
ESSO CHEMICAL CORPORATION							DI													
EXXON CHEMICAL AMERICAS						PDEI	PDEI	PDE	PDE											
FINA OIL & CHEMICAL CORPORATION									PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMOSA PLASTICS CORPORATION																PD				
GENCORP													PD							

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MONTHLY STATISTICAL REPORT

SEPTEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OVTIHNEYRL	TPY
GENERAL ELECTRIC PLASTICS COMPANY										PDE	PD			PD						PDE
GENESIS POLYMERS									PDE											
GEORGIA-GULF CORPORATION																PDE				
GEORGIA-PACIFIC CORPORATION			PD	PD	PD															
GLIDDEN COATINGS & RESINS		PD																		
B. F. GOODRICH CHEMICAL COMPANY											PDE					PDE				
GOODYEAR CHEMICAL DIVISION													PDE	PDE		PDE				PDE
W. R. GRACE & COMPANY										PD							D		PDE	
GRIFFTEX CHEMICAL COMPANY			PD	PD																
HARBORCHEM, INC.			PD	PD																
HIMONT USA, INC.								PDE	PDE											
HOECHST-CELANESE				PDE	PDE			PDE							PDE					PDE
HUNTSMAN CHEMICAL CORPORATION									PDE			PDE								
ICI AMERICAS, INC.																				PD
INTERPLASTICS CORPORATION		PD																		
IRONSIDES COMPANY					PD															
KEYSOR-CENTURY CORPORATION																PD				
LYONDELL						PDE			PDE											
MASONITE CORPORATION					PD															

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MONTHLY STATISTICAL REPORT

SEPTEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OVTHNEYRL	TPY
MOBAY CORPORATION															DEI					
MOBIL CHEMICAL COMPANY						PDE	PDE	PDE				PDE								
MONSANTO COMPANY			PD	PD						PDE	PDE			PD	PDE		DE		PDE	
MORTON INDUSTRIES													PDE	PD					PDE	
NESTE CHEMICALS			PD	PD	PD															
NOVA PLASTICS						DI	DI													
NYLON CORPORATION OF AMERICA															PD					
OXYCHEM					PDE			PDE								PDE				
OWENS-CORNING FIBERGLASS		PDE		PD	PD															
PACIFIC WESTERN RESINS																PDE				
PAXON CHEMICAL								PDE												
PHILLIPS 66 COMPANY							PDE	PDE	PDE											
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
POLYSAR, INC.												PDE								
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE	PDE								D			
REICHHOLD CHEMICALS, INC.	PDE	PDE											PDE				DE			
REXENE CORPORATION						PDE			PDE											
RHONE POULENC	PDE		PD	PD																

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

MONTHLY STATISTICAL REPORT

SEPTEMBER 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	LLDPE	HDPE	PP	ABS	SAN	PS	SBL	OSBP	NYLON	PVC	PVAC	PVOH	OVTIHNEYRL	TPY
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	
SCHERING BERLIN		PD																		
SCOTT POLYMERS												PD								
SEQUA CHEMICAL																	DE			
SHAKESPEARE COMPANY															PDE					
SHELL CHEMICAL COMPANY	PDE								PDE											
SHINTECH, INC.																PDE				
SILMAR		PDE																		
SOLTEX POLYMERS							PDE	PDE	PDE											
TRI NOVA CORPORATION		PD	PD	PD	PD															
UNION CARBIDE CORPORATION	PDE					PDEI	PDEI	PDE												
UNION CHEMICAL													PD				D		PD	
VALCHEM			PD																	
VALITE DIV. OF VALENTINE SUGARS, INC.					PD															
VISTA CHEMICAL COMPANY																PDE				
VYGEN CORPORATION																PDE				
WELLMAN, INC.															PDE					
WEST LAKE POLYMERS						PDE														
TOTAL	6	13	9	11	16	12	10	12	14	5	5	13	7	10	13	12	9	2	7	8

Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report - Resins

SPI

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

AUGUST 31, 1990

DATA FOR CALCULATING
APPARENT CONSUMPTION OF
THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: November 14, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

MONTHLY STATISTICAL REPORT

(Millions of pounds, dry weight basis)(1)

CRS

AUGUST 1990

RESIN KIND	AUGUST				YEAR-TO-DATE			
	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*	PRODUCTION	DOMESTIC SALES	IMPORTS	EXPORTS*
EPOXY RESIN, TOTAL	43.7	31.7	2.2	6.2	342.9	257.5	12.3	47.7
POLYESTER (UNSATURATED) RESINS, TOTAL	104.0	102.1	1.1	6.6	844.6	819.0	5.2	65.6
UREA RESINS, TOTAL **	124.8	120.5	1.1	3.1	1,025.7	989.7	13.4	27.1
MELAMINE RESINS, TOTAL **	17.7	16.1	0.6	1.2	134.1	115.8	3.1	10.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	245.5	238.3	3.3	8.5	2,012.3 R	1,983.6 R	28.2	66.7
THERMOSETTING RESINS, TOTAL	535.7	508.7	8.3	25.6	4,359.6 R	4,165.6 R	62.2	217.1
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	612.7	573.9	15.1	68.3	4,808.9	4,160.2	157.1	518.4
LINEAR LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	330.7	414.1	54.7	23.2	2,486.8 R	2,891.1	536.8	173.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	721.3	732.2	40.5	75.2	5,423.4	5,121.7	342.8	575.9
POLYPROPYLENE, TOTAL	653.3	621.8	3.4	181.3	5,474.0	4,445.0	39.0	1,156.1
ABS RESINS, TOTAL ** (ACRYLONITRILE-BUTADIENE-STYRENE)	91.6	101.9	5.7	15.5	779.7	795.5	53.6	115.4
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	13.6	8.1	0.6	6.8	88.1	57.0	4.6	51.2
OTHER STYRENICS **	104.4	113.8	0.2	14.7	784.5 R	836.2 R	2.9	115.1
POLYSTYRENE RESINS, TOTAL	426.4	449.8	5.9	33.3	3,354.9 R	3,368.0 R	55.7	200.9
NYLON RESINS, TOTAL (6)	48.3	45.0	8.6	13.9	383.9	333.3	53.6	105.4
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	771.0	729.6	11.0	70.8	6,043.5	5,558.2	96.6	608.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (4)								
POLYVINYL ALCOHOL, TOTAL (4)								-
OTHER VINYL RESINS	17.9	10.5	N/A	N/A	144.7	82.4	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL (6)	161.3	118.9	8.1	45.5	1,240.2	1,003.5	46.6	308.6
THERMOPLASTIC RESINS, TOTAL	3,952.5	3,919.6	153.8	548.5	31,012.6 R	28,652.1 R	1,389.3	3,929.4
GRAND TOTAL	4,488.2	4,428.3	162.1	574.1	35,372.2 R	32,817.7 R	1,451.5	4,146.5

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH + PVAC data is temporarily suspended.
* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.
** = Domestic Sales include Exports.
(6) = Data Includes Sales from Imports.

Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

N/A = Not Available
R = Revision

Sources: Sales and Production – SPI Monthly Statistical Report
Imports – Bureau of the Census (IM 145)
Exports – Bureau of the Census (EM 545)

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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